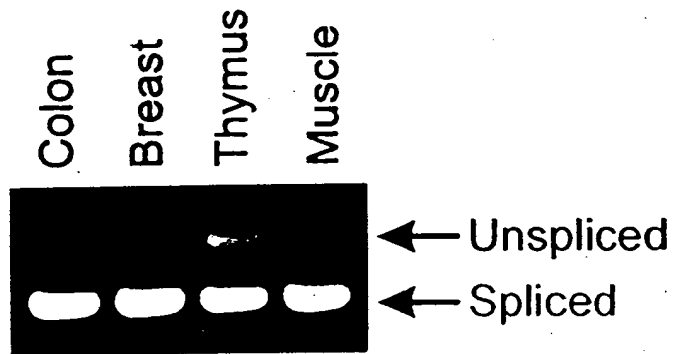


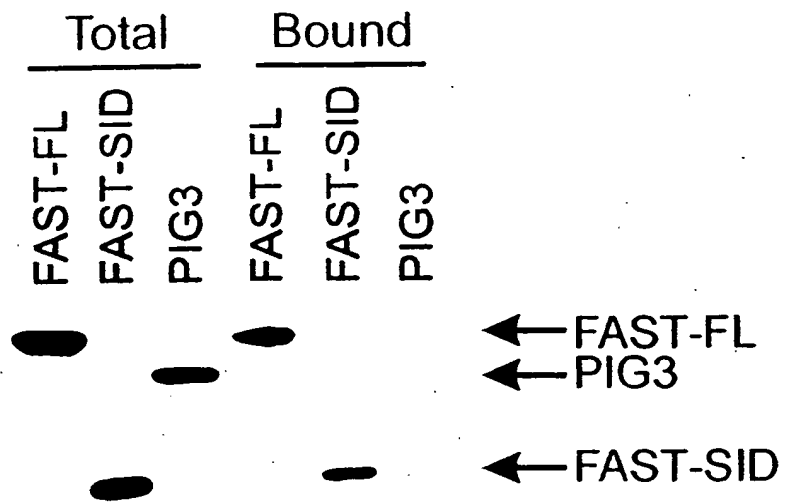
# FIG. 1

hFAST-1	hpcdsgrlqppeaespsqpp-----	21
xFAST-1	hpdsslysgfpagsqyesveppslallssidqeqlpvtgqsynhsvqpw	51
hFAST-1	-----	21
xFAST-1	pqpwpplsllyreggtwspdrsgmyglspgthegscsthhegpkdsmagdht	102
hFAST-1	---KRRKKRYLRHDKPPYIYLAMIALVTDAAAPSRRLKLAQIIRQVQAVEPF	69
xFAST-1	rsrKSKKKNYHRYKPPYSYLAIALVTQNSPEKRLKLSQILKEVSTLEPF	153
hFAST-1	FREDYEGWKDSIRHNLSSNRCFRKVPKDPAPQAKGNFWAMQVSLTPAEAL	120
xFAST-1	FNGDYMGWKDSIRHNLSSSDCFKKILKDPGNPQAKGNFWAMQVSRILPDA	204
hFAST-1	RLONTALCRwqngGARGAFKDLGPYVLLGRPYrppspppppsegfslks	171
xFAST-1	KLONTALTR-----GGSDYFVODLAPYILLNYKYEhnagayghqmpshar	250
hFAST-1	llggsggapwpglapqsspvpagtgnsgaeavtpplpsserplwplcpl	222
xFAST-1	slslaedsqqtntggklntsfmidsllhdleqvdldasrnlengrispav	301
hFAST-1	pgptrvegetvqggaigstlspeprawpllllqgtavpggrssgghrasl	273
xFAST-1	amnmwssaplllythskptrnarspglstlntsyssssssistispvgfqk	352
hFAST-1	wgq-----	276
xFAST-1	eqeksgrgtqrvgbpikrsreddcsttssdpdtgnyspieppkmpllsl	403
hFAST-1	LPITSLPIYTPNVVMPlapptscpqcpstspaywgvapetrpgpgllc-	325
xFAST-1	LPITSMKSVAPNVVAPpsvllffhfrfyyngpspymtppywgfphpt	454
hFAST-1	-----DLDAIFQGVPPKSIYVMVSHPRDLAAPpggwllsw	362
xFAST-1	nsggdsprgpgspLDLWMLRAMPPIKSVFDMLTSHPGDLVHPSflsqclg	505
hFAST-1	csll-----	365
xFAST-1	ssgspypsrqglm	518

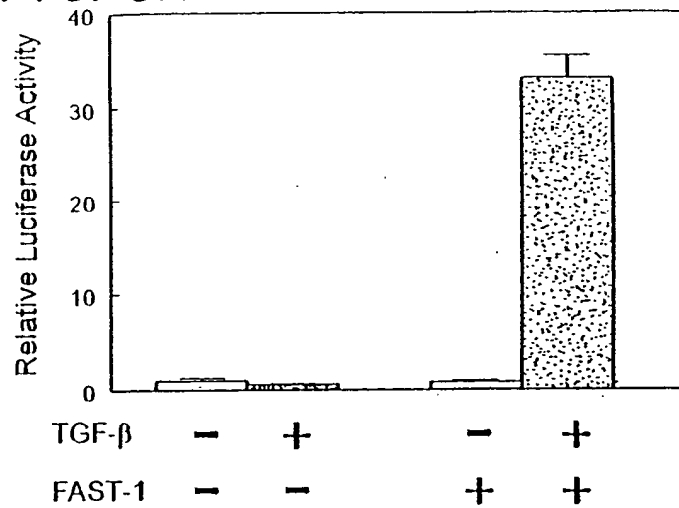
**FIG. 2A**



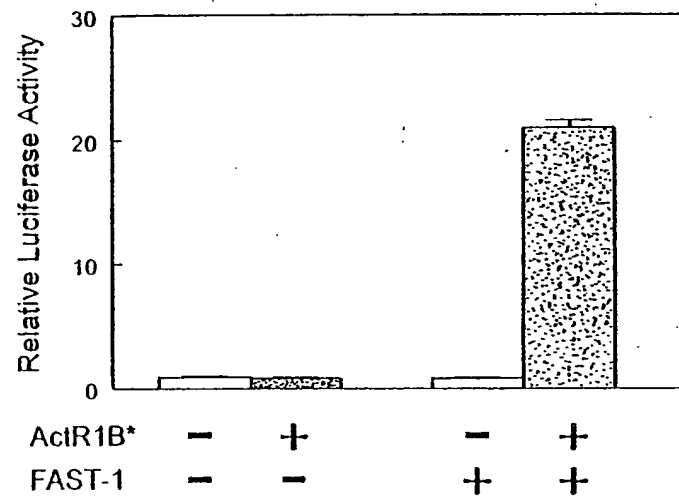
**FIG. 2B**



**FIG. 3A**



**FIG. 3B**



**FIG. 3C**

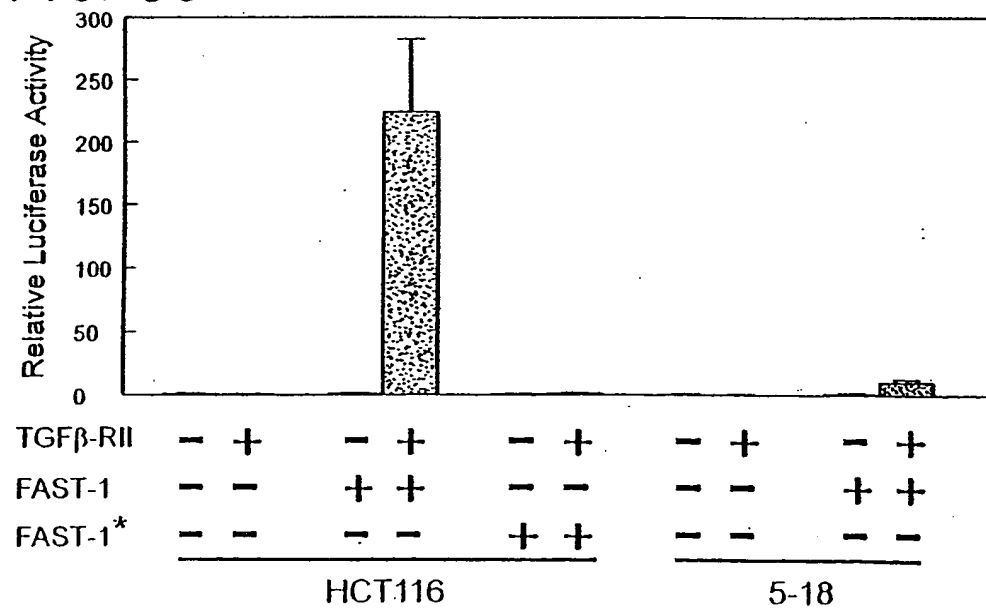


FIG. 4A

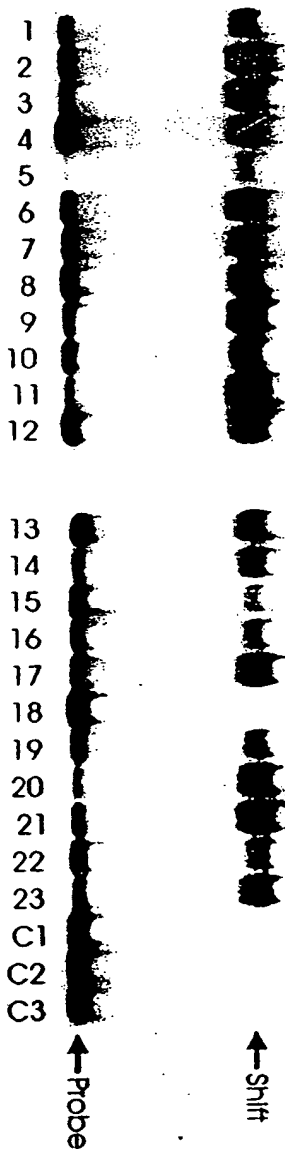


FIG. 4B

CONSENSUS															
			T	0	T	GT	GT	A	T	T					
0	41	41	11	0	100	0	54	47	0	0	70	84	52		
A	23	35	17	0	0	0	5	0	100	0	11	11	17		
T	23	23	84	100	0	100	35	52	0	100	5	17	0		
C	11	0	5	0	0	0	0	0	0	0	11	5	29		

FIG. 4C

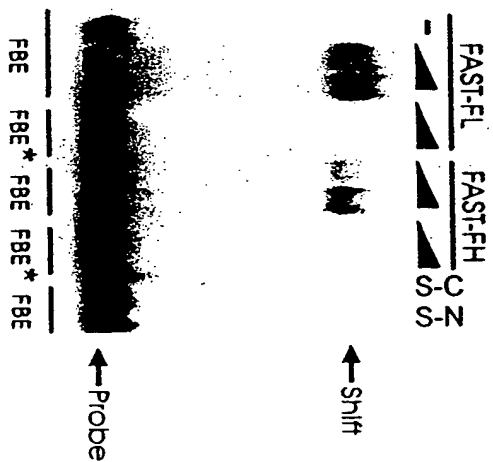


FIG. 4D

